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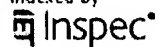
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» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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View: 1-25 | 26-5

- ☐ 1. **Mitigating error propagation in CDMA multiuser DFE**
 Zhi Tian;
Signals, Systems and Computers, 2001. Conference Record of the Thirty-Fifth Conference on
 Volume 1, 4-7 Nov. 2001 Page(s):424 - 428 vol.1
 Digital Object Identifier 10.1109/ACSSC.2001.986963
[AbstractPlus](#) | Full Text: [PDF\(379 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 2. **Decision feedback equalization for channels with error correcting capability**
 Bednarz, P.S.; Cioffi, J.M.;
Communications, 1997. ICC 97 Montreal, 'Towards the Knowledge Millennium International Conference on
 Volume 3, 8-12 June 1997 Page(s):1607 - 1612 vol.3
 Digital Object Identifier 10.1109/ICC.1997.595059
[AbstractPlus](#) | Full Text: [PDF\(540 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 3. **BEACON: an adaptive set-membership filtering technique with sparse up**
 Nagaraj, S.; Gollamudi, S.; Kapoor, S.; Yih-Fang Huang;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
 Volume 47, Issue 11, Nov. 1999 Page(s):2928 - 2941
 Digital Object Identifier 10.1109/78.796429
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(404 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. **Analysis of the error surface of the adaptive stochastic filter**
 Rasmussen, J.L.; Etter, D.M.;
Signals, Systems and Computers, 1992. 1992 Conference Record of The Two Conference on
 26-28 Oct. 1992 Page(s):866 - 870 vol.2
 Digital Object Identifier 10.1109/ACSSC.1992.269149
[AbstractPlus](#) | Full Text: [PDF\(236 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 5. **Hyperspherical parametrization for unit-norm based adaptive IIR filtering**

- ☐ Sankaran, S.G.; Beex, A.A.L.;
Signal Processing Letters, IEEE
Volume 6, Issue 12, Dec. 1999 Page(s):318 - 320
Digital Object Identifier 10.1109/97.803434
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(104 KB\)](#) IEEE JNL
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- ☐ 6. **An adaptive RAM-DFE for storage channels**
Fisher, K.D.; Cioffi, J.M.; Abbott, W.L.; Bednarz, P.S.; Melas, C.M.;
Communications, IEEE Transactions on
Volume 39, Issue 11, Nov. 1991 Page(s):1559 - 1568
Digital Object Identifier 10.1109/26.111433
[AbstractPlus](#) | Full Text: [PDF\(928 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ 7. **An algorithm for unit-norm equation error system identification based on multipliers**
Lopez-Valcarce, R.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sig
IEEE Transactions on]
Volume 51, Issue 12, Dec. 2003 Page(s):3080 - 3085
Digital Object Identifier 10.1109/TSP.2003.819012
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(442 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- ☐ 8. **Fast blind decision feedback equalizer for mobile links with short blocks**
Schmidbauer, A.; Schmatutz, M.; Herzog, R.;
Vehicular Technology Conference, 1998. VTC 98. 48th IEEE
Volume 3, 18-21 May 1998 Page(s):2398 - 2402 vol.3
Digital Object Identifier 10.1109/VETEC.1998.686188
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- ☐ 9. **On bias removal and unit norm constraints in equation error adaptive IIR**
Douglas, S.C.; Rupp, M.;
Signals, Systems and Computers, 1996. 1996 Conference Record of the Thirti
Conference on
3-6 Nov. 1996 Page(s):1093 - 1097 vol.2
Digital Object Identifier 10.1109/ACSSC.1996.599112
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[Rights and Permissions](#)

- ☐ 10. **Coefficient-constrained lattice structures for retrieving single-tone harmo**
Hu, Y.H.; Phan, B.C.;
Radar and Signal Processing, IEE Proceedings F
Volume 137, Issue 4, Aug. 1990 Page(s):243 - 252
[AbstractPlus](#) | Full Text: [PDF\(472 KB\)](#) IET JNL

- ☐ 11. **High speed small-area digital filter design using constrained quantization**
Sang-In Cho; Jeong-Hak Kim; Jae-Won Kim; Jin-Gyun Chung; Sang-Seob So;
Signals, Systems & Computers, 1998. Conference Record of the Thirty-Secon
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Volume 2, 1-4 Nov. 1998 Page(s):1235 - 1239 vol.2
Digital Object Identifier 10.1109/ACSSC.1998.751524
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF
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- ☐ 12. **Design Considerations for a 144 kbit/s Digital Transmission Unit for the L Network**

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	differential near5 delay\$3 same (constrained or constrain or constraint or constrain\$3) near5 tap	US-PGPUB; USPAT	OR	ON	2007/05/16 09:52
L2	1	differential near5 delay\$3 same (constrained or constrain or constraint or constrain\$3) near5 tap	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/16 09:52
L3	1	differential near5 delay\$3 same (constrained or constrain or constraint or constrain\$3) near8 tap	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/16 09:52
L5	1	differential near7 delay\$3 same (constrained or constrain or constraint or constrain\$3) near8 tap	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/16 09:52
L6	9	differential near7 delay\$3 and (constrained or constrain or constraint or constrain\$3) near8 tap	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/16 09:54
L7	1	differential near7 delay\$3 near5 tap same (constrained or constrain or constraint or constrain\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/16 09:54
L8	1820	375/232,233.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/16 09:55
L9	6	8 and (differential same constrain\$3)	US-PGPUB; USPAT	OR	ON	2007/05/16 09:58
L10	33	constrain\$3 near5 tap near4 weight	US-PGPUB; USPAT	OR	ON	2007/05/16 09:59
L11	8	8 and 10	US-PGPUB; USPAT	OR	ON	2007/05/16 10:05
L12	350	((channel adj2 impulse adj3 respon\$5) or "cir") near4 tap	US-PGPUB; USPAT	OR	ON	2007/05/16 10:05
L13	257	((channel adj2 impulse adj3 respon\$5) or "cir") near2 tap	US-PGPUB; USPAT	OR	ON	2007/05/16 10:37
L14	37	8 and 13	US-PGPUB; USPAT	OR	ON	2007/05/16 10:16
L15	122	approxima\$7 near4 differential near4 delay\$3	US-PGPUB; USPAT	OR	ON	2007/05/16 10:18
L16	1	8 and 15	US-PGPUB; USPAT	OR	ON	2007/05/16 10:17
L17	162	approxima\$7 near6 differential near4 delay\$3	US-PGPUB; USPAT	OR	ON	2007/05/16 10:18

EAST Search History

L18	1	8 and 17	US-PGPUB; USPAT	OR	ON	2007/05/16 10:18
L19	175	approxima\$7 near6 differential near6 delay\$3	US-PGPUB; USPAT	OR	ON	2007/05/16 10:18
L20	1	8 and 19	US-PGPUB; USPAT	OR	ON	2007/05/16 10:18
L22	0	((channel adj2 impulse adj3 respon\$5) or "cir") same differential near4 tap near5 weight	US-PGPUB; USPAT	OR	ON	2007/05/16 13:53
L23	473	error near4 ((decision adj2 fe\$1d adj2 back adj3 (filter\$5 or equali\$7)) or "dfe")	US-PGPUB; USPAT	OR	ON	2007/05/16 11:31
L24	46	constrain\$3 near4 tap near4 weigh\$3	US-PGPUB; USPAT	OR	ON	2007/05/16 11:29
L25	7	23 and 24	US-PGPUB; USPAT	OR	ON	2007/05/16 11:29
L26	847	error with ((decision adj2 fe\$1d adj2 back adj3 (filter\$5 or equali\$7)) or "dfe")	US-PGPUB; USPAT	OR	ON	2007/05/16 11:31
L27	7	24 and 26	US-PGPUB; USPAT	OR	ON	2007/05/16 11:31
L28	11	8 and 24	US-PGPUB; USPAT	OR	ON	2007/05/16 11:45
L30	1	constrain\$3 near5 tap near4 weight same ((channel adj3 impulse adj2 respon\$4) or "cir") with constrain\$4 near6 (function or value or number or delay or weight)	US-PGPUB; USPAT	OR	ON	2007/05/16 12:20
L31	1	constrain\$3 near5 weight same ((channel adj3 impulse adj2 respon\$4) or "cir") with constrain\$4 near6 (function or value or number or delay or weight)	US-PGPUB; USPAT	OR	ON	2007/05/16 12:20
L32	6	constrain\$3 near5 delay same ((channel adj3 impulse adj2 respon\$4) or "cir") with constrain\$4 near6 (function or value or number or delay or weight)	US-PGPUB; USPAT	OR	ON	2007/05/16 12:22
L33	9	constrain\$3 near5 tap same ((channel adj3 impulse adj2 respon\$4) or "cir") same constrain\$4 near6 (function or value or number or delay or weight)	US-PGPUB; USPAT	OR	ON	2007/05/16 12:22
L34	9	33 not 32	US-PGPUB; USPAT	OR	ON	2007/05/16 13:37
L35	8	constrain\$3 near4 error with tap with weight	US-PGPUB; USPAT	OR	ON	2007/05/16 13:45

EAST Search History

L38	3	((channel adj2 impulse adj3 respon\$5) or "cir") with weight same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/16 13:55
L39	3	((channel adj2 impulse adj3 respon\$5) or "cir") with weight same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 13:57
L40	29	((channel adj2 impulse adj3 respon\$5) or "cir") near4 ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 16:07
L41	206	((mean adj2 square adj2 error)or "mmse") near4 ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 16:08
L42	181	((mean adj2 square adj2 error)or "mmse") near2 ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 16:12
L43	8	linear\$3 near4 constrain\$3 near4 tap	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 16:09
L44	1	("1" or one) near4 norm near3 tap near3 weight with constrain\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2007/05/16 16:13
L46	188502	"375"/ "259,260,267,285,316,340, 343,350,354".ccls.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:04
L47	17	40 and 46	US-PGPUB; USPAT	OR	ON	2007/05/16 16:57
L48	1486	333/17.1,18.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:08
L50	6901	different\$7 same ((non adj2 different\$7) or (un adj2 different\$7))	US-PGPUB; USPAT	OR	ON	2007/05/16 17:02
L51	81	different\$7 same ((non adj2 different\$7) or (un adj2 different\$7)) with delay	US-PGPUB; USPAT	OR	ON	2007/05/16 17:03

EAST Search History

L52	0	48 and 51	US-PGPUB; USPAT	OR	ON	2007/05/16 17:03
L53	11008	375/259,260,267,285,316,340,343, 350,354.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:04
L54	75	FIMOFF-MARK.in.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:08
L55	7	HILLERY-WILLIAM-J.in.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:08
L56	11	ZOLTOWSKI-MICHAEL-D.in.	US-PGPUB; USPAT	OR	ON	2007/05/16 17:08
S1	108	(fix\$6 or calculat\$3 or estimat\$3 or determin\$7 or reduc\$4) with error near5 propagat\$3 same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:28
S2	1	different\$7 near2 tap same ((non adj2 different\$7) or (un adj2 different\$7)) near5 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 11:15
S3	3	different\$7 near6 tap same ((non adj2 different\$7) or (un adj2 different\$7)) near5 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 11:16
S4	4	different\$7 near8 tap same ((non adj2 different\$7) or (un adj2 different\$7)) near8 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 11:16
S5	6901	different\$7 same ((non adj2 different\$7) or (un adj2 different\$7))	US-PGPUB; USPAT	OR	ON	2007/05/16 17:02
S6	0	S1 and S5	US-PGPUB; USPAT	OR	ON	2007/05/15 11:17
S7	3441491	different\$7	US-PGPUB; USPAT	OR	ON	2007/05/15 11:27
S8	98	S1 and S7	US-PGPUB; USPAT	OR	ON	2007/05/15 11:17
S9	627088	differential or differentiation or differentiate	US-PGPUB; USPAT	OR	ON	2007/05/15 11:27
S10	170	(fix\$6 or calculat\$3 or estimat\$3 or determin\$7 or reduc\$4) same error near5 propagat\$3 same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:35
S11	32	S9 and S10	US-PGPUB; USPAT	OR	ON	2007/05/15 11:34

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S12	53	(approximat\$3 or estimat\$3) near4 ((non adj2 different\$7) or (un adj2 different\$7))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:35
S13	820	tap same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:36
S14	1	S12 and S13	US-PGPUB; USPAT	OR	ON	2007/05/15 11:35
S15	2625	(tap near4 weight) saem (approximat\$3 or estimat\$3) near4 ((non adj2 different\$7) or (un adj2 different\$7))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:36
S16	4367	((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 12:25
S17	229	S15 and S16	US-PGPUB; USPAT	OR	ON	2007/05/15 11:36
S18	2607	(tap near4 weight) saem (approximat\$3 or estimat\$3) near4 ((non adj2 differential) or (un adj2 differential))	US-PGPUB; USPAT	OR	ON	2007/05/15 11:38
S19	229	S16 and S18	US-PGPUB; USPAT	OR	ON	2007/05/15 11:37
S21	40	constrain\$3 with ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 12:28
S23	0	constrain\$3 same((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5))) same (un or non) adj2 constrain\$3	US-PGPUB; USPAT	OR	ON	2007/05/15 12:30
S24	136	constrain\$3 same((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 12:32
S25	62	(un or non) adj2 constrain\$3 same (filter\$5 or equali\$7)	US-PGPUB; USPAT	OR	ON	2007/05/15 12:31
S26	0	S24 and S25	US-PGPUB; USPAT	OR	ON	2007/05/15 12:31
S27	62	(un or non or "not") adj2 constrain\$3 same (filter\$5 or equali\$7)	US-PGPUB; USPAT	OR	ON	2007/05/15 12:31

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S28	13	constrain\$3 with tap same((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/16 13:54
S29	0	constrain\$3 with tap same ((channel near2 impulse) or "CIR") same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 12:45
S30	3	constrain\$3 same ((channel near2 impulse) or "CIR") same ((fe\$1d adj2 back near2 (equali\$7 or filter\$5)) or "dfe" or (decision adj2 fe\$1d adj2 back near2 (equali\$7 or filter\$5)))	US-PGPUB; USPAT	OR	ON	2007/05/15 12:46
S31	2577	375/229,230,232,233.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/15 12:46
S32	1820	375/232,233.ccls.	US-PGPUB; USPAT	OR	ON	2007/05/16 09:55
S34	40	(estimat\$3 or calculat\$3 or determin\$5) with (constrain\$3) near4 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 12:48
S35	996	differential near4 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 12:48
S36	20	S32 and S35	US-PGPUB; USPAT	OR	ON	2007/05/15 14:38
S37	8	S32 and S34	US-PGPUB; USPAT	OR	ON	2007/05/15 12:49
S38	20	S36 and differential	US-PGPUB; USPAT	OR	ON	2007/05/15 12:52
S39	2	((channel adj2 impulse adj3 respon\$5) or "cir") same differential near5 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 12:53
S40	5	((channel adj2 impulse adj3 respon\$5) or "cir") same differential near8 tap	US-PGPUB; USPAT	OR	ON	2007/05/16 10:05
S41	1	(differential) near4 delay near4 tap same constrain\$4	US-PGPUB; USPAT	OR	ON	2007/05/15 14:36
S42	1	(differential) near8 delay near4 tap same constrain\$4	US-PGPUB; USPAT	OR	ON	2007/05/15 15:24
S43	30	constrain\$4 near4 tap near4 weight	US-PGPUB; USPAT	OR	ON	2007/05/15 14:38
S44	7	S32 and S43	US-PGPUB; USPAT	OR	ON	2007/05/15 14:38

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S45	97	(differential) near8 delay near4 tap	US-PGPUB; USPAT	OR	ON	2007/05/15 15:24
S46	6	S32 and S45	US-PGPUB; USPAT	OR	ON	2007/05/15 15:24
S47	70	((channel adj2 impulse adj3 respon\$5) or "cir") same constrained	US-PGPUB; USPAT	OR	ON	2007/05/15 15:25
S48	11	S32 and S47	US-PGPUB; USPAT	OR	ON	2007/05/15 15:28
S49	1513974	Constrained near5 weights same ((decision feedback (equaliz\$5 or filter\$5)) or "dfe") same channel impulse response	US-PGPUB; USPAT	OR	ON	2007/05/15 15:29
S50	3	Constrained near5 weights same ((decision feedback (equaliz\$5 or filter\$5)) or "dfe") same ((channel adj2 impulse adj2 response) or "cir")	US-PGPUB; USPAT	OR	ON	2007/05/15 15:30
S51	1	Constrained near5 weights same ((decision adj2 feedback adj2 (equaliz\$5 or filter\$5)) or "dfe") same ((channel adj2 impulse adj2 response) or "cir")	US-PGPUB; USPAT	OR	ON	2007/05/15 15:31
S52	280	(differentiable or differential or differentiation) near4 tap near4 weight near4 constrain\$3 ((decision adj2 feedback adj2 (equaliz\$5 or filter\$5)) or "dfe") same ((channel adj2 impulse adj2 response) or "cir")	US-PGPUB; USPAT	OR	ON	2007/05/15 15:32
S53	1	(differentiable or differential or differentiation) near4 tap near4 weight near4 constrain\$3	US-PGPUB; USPAT	OR	ON	2007/05/15 15:35
S54	1	(differentiable or differential or differentiation) with tap near4 weight near4 constrain\$3	US-PGPUB; USPAT	OR	ON	2007/05/15 15:42
S55	1	(differentiable or differential or differentiation) with tap near4 weight with constrain\$3	US-PGPUB; USPAT	OR	ON	2007/05/15 15:42
S56	2	(differentiable or differential or differentiation) same tap near4 constrain\$3	US-PGPUB; USPAT	OR	ON	2007/05/15 15:47
S58	46	((channel adj2 impulse adj3 respon\$5) or "cir") same tap near4 weight	US-PGPUB; USPAT	OR	ON	2007/05/15 15:48
S59	20	S32 and S58	US-PGPUB; USPAT	OR	ON	2007/05/15 15:48